SEQUENCE LISTING

<110> Kazunari TAIRA
      Masashi WARASHINA
      Tomoko WARASHINA

<120> Nucleic acid enzymes acquiring an activity for cleaving a
      target RNA by recognizing another molecule

<130>

<140>
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<150> JP 2000-313320
<151> 2000-10-13

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<170> PatentIn Ver. 2.0

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<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: maxizyme-constituting RNA mole

cule

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<210> 2
<211> 27
<212> RNA
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<223> Description of Artificial Sequence: maxizyme-constituting RNA molecule

<400> 2
gucugacugu ucaucgaaac cgggucc 27

<210> 3
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<223> Description of Artificial Sequence: maxizyme-constituting RNA molecule

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: maxizyme-constituting RNA molecule

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<210> 5

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<212> RNA

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<223> Description of Artificial Sequence: tRNA^{Val} promoter sequence

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uucgaaaccg ggcacuacaa aaaccaac 88

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<223> Description of Artificial Sequence: ribozyme

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<223> n is a, c, g or u.

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<223> Description of Artificial Sequence: left side sequence of maxizyme

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<211> 24

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<223> Description of Artificial Sequence: right side sequence of maxizyme

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<223> Description of Artificial Sequence: substrate

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<223> Description of Artificial Sequence: substrate

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gccguccccc g 11

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<223> Description of Artificial Sequence: substrate

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<223> Description of Artificial Sequence: wild type ribozyme

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<211> 19

<212> RNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: part of bcl-2 mRNA as a substrate

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<212> RNA

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<223> Description of Artificial Sequence: part of HIV tat mRNA

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<223> Description of Artificial Sequence: part of normal ABL mRNA

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<223> Description of Artificial Sequence: $tRNA^{Val}$ T-MzL

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uucgaaaccg ggcacuacaa aaaccaacuu ugucugacug uucaucgaaa ccgguccgg 120

uaccccggau aucuuuuu 138